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Docket No. 038812 001400

Serial No. 10/032,221

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Listing of the Claims:

Please cancel claims 1-107.

Please add new claims 108-117 as follows:

108 (new). An isolated, mutated Tumstatin polypeptide having the amino acid sequence Thr Met Pro Phe Met Phe Cys Asn Ile Asn Asn Val Cys Asn Phe Ala Ser Arg Asn Asp Tyr Ser Tyr Trp Leu (SEQ ID NO:38), wherein said mutated polypeptide has the ability to inhibit angiogenic activity.

109 (new). An isolated, mutated Tumstatin polypeptide having the amino acid sequence Lys Gln Arg Phe Thr Thr Met Pro Phe Met Phe Cys Asn Ile Asn Asp Val Cys Asn Phe Ala Ser Arg Asn Asp Tyr Ser (SEQ ID NO:39), wherein said mutated polypeptide has the ability to inhibit angiogenic activity.

110 (new). An isolated, mutated Tumstatin polypeptide having the amino acid sequence Lys Gln Arg Phe Thr Thr Met Pro Phe Leu Phe Ser Asn Ile Asn Asp Val Ser Asn Phe Ala Ser Arg Asn Asp Tyr Ser (SEQ ID NO:40), wherein said mutated polypeptide has the ability to inhibit angiogenic activity.

111 (new). An isolated, mutated Tumstatin polypeptide having the amino acid sequence Lys Leu Phe Cys Asn Val Asn Cys Val Cys Asn Phe Ala Ser Arg Asn Asp Tyr Ser (SEQ ID NO:41), wherein said mutated polypeptide has the ability to inhibit angiogenic activity.

112 (new). An isolated, mutated Tumstatin polypeptide having the amino acid sequence Lys Gln Arg Phe Thr Thr Met Pro Phe Leu Phe Asp Asn Val Asn Asp Val Asp Asn Phe Ala Ser Arg Asn Asp Tyr Ser (SEQ ID NO: 42), , wherein said mutated polypeptide has the ability to inhibit angiogenic activity.

113 (new). An isolated, mutated Tumstatin polypeptide having the amino acid sequence Thr Met Pro Phe Met Phe Cys Asn Ile Asn Asn Val Cys Asn Phe Ala Ser Arg Asn Asp Tyr Ser Tyr Trp Leu (SEQ ID NO:38), wherein said mutated polypeptide has the ability to inhibit protein synthesis in endothelial cells.

114 (new). An isolated, mutated Tumstatin polypeptide having the amino acid sequence Lys Gln Arg Phe Thr Thr Met Pro Phe Met Phe Cys Asn Ile Asn Asp Val Cys Asn Phe Ala Ser Arg Asn Asp Tyr Ser (SEQ ID NO:39), wherein said mutated polypeptide has the ability to inhibit protein synthesis in endothelial cells.

115 (new). An isolated, mutated Tumstatin polypeptide having the amino acid sequence Lys Gln Arg Phe Thr Thr Met Pro Phe Leu Phe Ser Asn Ile Asn Asp Val Ser Asn Phe Ala Ser Arg Asn Asp Tyr Ser (SEQ ID NO:40), wherein said mutated polypeptide has the ability to inhibit protein synthesis in endothelial cells.

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116 (new). An isolated, mutated Tumstatin polypeptide having the amino acid sequence Lys Leu Phe Cys Asn Val Asn Cys Val Cys Asn Phe Ala Ser Arg Asn Asp Tyr Ser (SEQ ID NO:41), wherein said mutated polypeptide has the ability to inhibit protein synthesis in endothelial cells.

117 (new). An isolated, mutated Tumstatin polypeptide having the amino acid sequence Lys Gln Arg Phe Thr Thr Met Pro Phe Leu Phe Asp Asn Val Asn Asp Val Asp Asn Phe Ala Ser Arg Asn Asp Tyr Ser (SEQ ID NO: 42), wherein said mutated polypeptide has the ability to inhibit protein synthesis in endothelial cells.